

**Flood Control Project Maintenance****2012 Structure Summary Report****Overall Unit and Item Ratings****Reclamation District No. 0999 Netherlands****Elk Slough Inlet Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A

**Flood Control Project Maintenance****Unit Cover Sheet****2012 Structure Inspection Results****Reclamation District No. 0999 Netherlands**

Structure
Elk Slough Inlet Structure

Structure Rating	<b>A</b>
Date of Inspection	<b>7/18/2012</b>
DWR Inspector	<b>Richard Willoughby</b>
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2012**

**Netherlands**

Structure	Structure Length	Inspection Start/End	Inspector
Elk Slough Inlet Structure		07/18/2012 07/18/2012	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Structures	Photo Documentation		N	Inspector Comments: Structure appears to maintained and able to function as designed.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation on inlet side.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	2
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: No sedimentation present.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No visible erosion near the structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	4
5	0.00	0.00	Structures	Revetments		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	5
6	0.00	0.00	Structures	Encroachments		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		N	Inspector Comments: Culvert outlet not viewable due to water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N	Inspector Comments: Not able to inspect culverts due to water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	8
9	0.00	0.00	Structures	Metal Pipes		N	Inspector Comments: Not able to inspect metal pipe due to water level	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: No trash rack installed.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: Flap gate not viewable due to water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	11
12	0.00	0.00	Structures	Sluice/Slide Gates		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	12
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: Item does not exist on this structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: No problems with gate.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	14
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: No structure damage to concrete surfaces.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	15
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	16
17	0.00	0.00	Structures	Concrete Foundations		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance  
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LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: Item does not exist on this structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	18
19	0.00	0.00	Structures	Closure Structures		N	Inspector Comments: Item does not exist on this structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: Item does not exist on this structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	20
21	0.00	0.00	Structures	Other Metallic Items		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	21
22	0.00	0.00	Structures	Monolith Joints		N	Inspector Comments: Item does not exist on this structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	22
23	0.00	0.00	Structures	Safety		A		38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	23

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Elk Slough Inlet Structure		07/18/2012 07/18/2012	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Looking southeast at inlet on slough side (inlet underwater)	
richard_t_20120802_170.jpg	



Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Looking west at inlet on slough side (inlet underwater)	
richard_t_20120802_171.jpg	



Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Looking northeast at manual gate on waterside of levee.	
richard_t_20120802_172.jpg	

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Elk Slough Inlet Structure		07/18/2012 07/18/2012	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Looking southwest at manual gate on waterside of levee.	
richard_t_20120802_173.jpg	



Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Looking west at manual gate on waterside of levee.	
richard_t_20120802_174.jpg	

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